MPC-400 Tube Labeling Machine

This series of products integrates the whole line of labeling, palletizing, and linkage control. It is suitable for high-speed automatic labeling and feeding of various oral liquid bottles, ampoules, vials, etc.

Working principle:

Round bottles of different specifications enter the conveyor belt of the labeling machine from the conversion mechanism, and the conveyor belt drives the bottle into the labeling area. After the bottle is detected by the visual sensor, the photoelectric signal is transmitted to the PLC, and the output signal is transmitted to the PLC after processing. Servo motor, the label is delivered by the servo motor, the label is pasted on the bottle by the rolling mechanism, and then the bottle is set upright by the pinch wheel and output to the closing plate.

Operation method:

- Imported touch human-machine interface, full Chinese display, as long as you follow the instructions on the display, you can easily go online without any experience, which greatly shortens the training time for personnel; the production speed can be set arbitrarily through the man-machine interface, and it can automatically adjust the production speed to match the speed of any production line for the most efficient production operation.

- If there is any abnormal failure: such as running out of labels, broken tape or missing sheet, reaching the counting setting, lack of tray, automatic shutdown of a full bottle, mechanical abnormality, etc., it will automatically stop and send an alarm.

Technical parameters

Model	MPC-400
Voltage	AC110V/220V 50/60HZ
Power	2 kw
Labeling Speed	200-400 Bottles/Minute（speed adjustable, depending on object size and label length)
Labeling Accuracy	±0.5 mm(depending on product characteristics)
Container Range	outer diameter 10mm-24mm, height 20mm-150mm(special customizable)
Label Specification	height 10mm～60mm length 10mm～80mm
Roll Dimension	Inner Φ76mm outer Φ300mm（Max）
Weight	400kg
Equipment Dimension	3000mm×1400mm×1800mm